

FEB-17-2003 16:04

WELLS ST JOHN PS

5098383424

P. 04/06

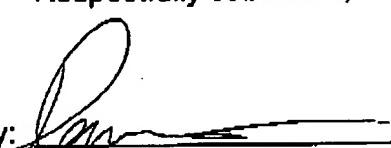
Appl. No. 09/488,973

REMARKS

Claims 10-17 and 19-37 remain pending in the application.

The text of the application is amended to correct a recently discovered minor typographical error.

Respectfully submitted,

Dated: 2/17/2003  
By:   
David G. Latwesen, Ph.D.  
Reg. No. 38,533

FAX RECEIVED  
FEB 17 2003  
TECHNOLOGY CENTER 2800

Appl. No. 09/488,973

Application Serial No. ....09/488,973  
Filing Date .....January 20, 2000  
Inventor.....Chris Parfeniuk et al.  
Assignee.....Honeywell International Inc.  
Group Art Unit.....2823  
Examiner .....D. Collins  
Attorney's Docket No. ....30-5016-(4015)  
Title: Methods of Bonding Physical Vapor Deposition Target Materials to Backing Plate Materials

**VERSION WITH MARKINGS TO SHOW CHANGES MADE ACCOMPANYING**  
**supplemental RESPONSE TO APRIL 2, 2002 OFFICE ACTION**

**In the Specification**

The replacement specification paragraphs incorporate the following amendments.

FAX RECEIVED

Underlines indicate insertions and ~~strikeouts~~ indicate deletions.

FEB 17 2003

TECHNOLOGY CENTER 2800

The paragraph beginning on line 21 of page 9 is amended as follows:

An exemplary thermal treatment procedure for treating a target and backing plate which comprise aluminum is as follows. Initially, an assembly comprising a target joined against a backing plate is heated to a temperature of from about 280°C to about 400°C (preferably from about 300°C to about 350°C, and more preferably from about 300°C to about 344°C) and maintained at such temperature for a time of from 15 to 30 minutes. The assembly is then transferred to a forge which is also maintained at a temperature of from about 280°C to about 400°C. The forge is utilized to compress target 50 and backing plate 60 together to a ~~temperature~~ pressure of from about 10,000 psi to about 16,000 psi. After compressing the target and backing plate, the assembly is transferred back to the furnace

Appl. No. 09/488,973

having a temperature of from about 280°C to about 400°C, and maintained at such temperature for an additional time of from about 10 minutes to about 30 minutes.

**In the Claims**

No changes are made to the claims.